

PROPERTY REID LOT 50

DIAMOND DRILL RECORD

SHEET NUMBER 4TOTAL DEPTH 598.3

CO-ORDINATES COLLAR

LOCATION Newfoundlandof L 33+00N on
LAT. 100°W DEP. Main Base LineLOGGED BY K. Newman

ELEVATION COLLAR _____

DATE BEGUN Nov. 16, 1956BEARING 875°EDATE FINISHED Nov. 21, 1956ANGLE -45°100% Core Recovery

Depth	Tube Log	HOLE NUMBER <u>56-14</u> True Dip
100'	46°30'	39°00'
200'	43°00'	36°00'
300'	42°00'	35°00'
400'	39°30'	33°30'
500'	43°00'	36°00'
598'	40°00'	34°00'

LOG FORM NO. 1

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
0	17.7				<u>CASING:</u> Overburden
17.7	18.1				<u>DIORITE:</u> Dark green. Fine to medium grained. Contact with "Red" basalt below at 45° to the core. May not be part of bedrock.
18.1	175.7				<u>"RED" BASALT:</u> Varies from dark purple to light to dark green. Aphanitic and in places amygdaloidal. Fract. cleavage 30-50° to the core. Where rock is andesitic it is highly chloritized. Large amounts of epidote in stringers and patches. Faulting parallel to about 30° to the core. At 95.0 traces of galena, in places small amounts of specularite. Specks of very fine disseminations of a reddish mineral.
175.7	181.3				<u>ANDESITE TO BASALT:</u> Dark grey to greenish black. Aphanitic and in places amygdaloidal. Contact is gradational with "Red" basalt. Flow brecciation. Fracture cleavage 50° to the core. Traces of chalcopyrite at 180.0.
181.3	195.6				<u>DIORITE:</u> Dark grey to green. Fine grained. Equigranular. Contact with volcanics very irregular.
195.6	201.0				<u>BASALT TO ANDESITE:</u> Greenish black to light green. Aphanitic and amygdaloidal in places. In places highly altered to epidote. Where altered traces of cubic pyrite and minor amounts of chalcopyrite.
201.0	207.2				<u>DIORITE:</u> Dark grey. Fine grained. Contact with above

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DIAMOND DRILL RECORD

SHEET NUMBER 2

Badger

HOLE NUMBER 56-14

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					volcanics very irregular. Altered in places to epidote.
					Traces of disseminated chalcopryrite.
207.2	219.2				<u>BASALT TO ANDESITE</u> : Greenish black. Aphanitic. In places
					sugary texture. Pillowed structure. Amygdaloidal in places
					Irregular quartz-carbonate stringers containing disse-
					minated chalcopryrite.
219.2	222.3				<u>DIORITE</u> : Dark grey. Medium grained. Contact with volcanics
					about 50° to the core.
222.3	233.0				<u>"RED" BASALT</u> : Dark grey to reddish brown. Aphanitic.
					Pillow structure carbonate and epidote outline pillows.
					Fracture cleavage 30-45° to the core. In places fine
					grained texture between the chilled pillow outlines. Fine-
					ly disseminated chalcopryrite.
233.0	255.4				<u>DIORITE</u> : Dark grey. Fine grained. Parallel contact with
					volcanics. Chloritized phenocrysts of hornblende. Small
					round white segregations and a small aplite dyke at 238.0.
					Fracture cleavage 30-40° to the core. Grades into a por-
					phyry near contacts.
255.4	267.6				<u>DIORITE</u> : Dark grey to green. Fine to medium grained.
					Altered to epidote. Contact with above diorite at 25°
					to the core.
267.6	277.6				<u>BASALT</u> : Black. Aphanitic. In places vesicular. Bands
					of carbonate and epidote. Grades into "Red" basalt.
277.6	281.0				<u>"RED" BASALT</u> : Reddish purple. Aphanitic. Banding at 45°
					to the core.
281.0	316.6				<u>ANDESITE TO BASALT</u> : Green to black. Aphanitic. Cut by
					numerous quartz and carbonate stringers. Bands of epidote.

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SHEET NUMBER 3HOLE NUMBER Radger 56-14

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					Chloritized where rock is more basaltic. Cellular alteration texture and massive as in hole 56-13 starting at 250.0. Banding of epidote varies. Traces of chalcopyrite in the quartz carbonate patches. Traces of hematite.
316.6	327.6				<u>BASALT</u> : Dark green to black. Aphanitic. In small sections "Red" basalt. Irregular stringers of epidote and carbonate. Banding at 45° to the core. Fracture cleavage at 45° to the core. Chloritized. Disseminated chalcopyrite.
327.6	352.0				<u>"RED" BASALT</u> : Reddish purple to green. black. Aphanitic. Highly chloritized where basaltic. Irregular stringers of epidote and carbonate. Disseminated pyrite.
352.0	386.3				<u>ANDESITE</u> : Light green. Aphanitic. Fracture cleavage 45 - 70° to the core. Chloritized. Irregular stringers of carbonate and epidote. Small chloritized hornblende phenocrysts. Traces of sphalerite. Parts of andesite appear to be assimilated in diorite.
386.3	393.5				<u>DIORITE</u> : Light gray. Fine grained equigranular. Faulting at about 45° to the core.
393.5	398.3				<u>ANDESITE</u> : Dark gray to green. Aphanitic. Chloritized. Irregular carbonate stringers. Fracture cleavage 30-70° to the core.
398.3	400.5				<u>DIORITE</u> : Dark gray. Fine grained. Contact with volcanics at 60° to the core.
400.5	513.1				<u>ANDESITE</u> : Gray to light green. Aphanitic. Rounded cellular alteration products. Fracture cleavage 30° to parallel to the core. Chloritized. Pillow structure? Quartz carbonate stringers. Traces of chalcopyrite and

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SHEET NUMBER 4HOLE NUMBER Badger 56-14

Log Form No. 2A

CORE FOOTAGE			CORE SAMPLE NO.	ASSAY	DESCRIPTION
FROM	TO	LENGTH			
					and sphalerite. Brecciated at 459.5.
513.1	514.5				<u>ACID VOLCANICS</u> : Light grey. Aphanitic. Conchoidal fracture. Contact with andesite at about 45° to the core.
514.5	516.3				<u>DIORITE</u> : Dark grey. Fine grained. Traces of chalcopyrite.
516.3	517.0				<u>ACID VOLCANICS</u> & <u>DIORITE</u> : Contact between two almost parallel to the core. Acid volcanics brecciated and breccia surrounded by diorite.
517.0	519.7				<u>DIORITE</u> : Dark grey. Fine to medium grained. Disseminated pyrite.
519.7	520.2				<u>ACID VOLCANICS</u> : Dark grey to reddish brown. Aphanitic. Banding at 70° to the core. Breccia contact with diorite about 50° to the core. Cubic pyrite.
520.2	521.7				<u>DIORITE</u> : Dark grey. Fine grained. Disseminated pyrite.
521.7	522.5				<u>ACID VOLCANICS</u> : White to pink. Aphanitic. Brecciated.
522.5	527.8				<u>DIORITE</u> : Dark grey. Fine grained. Cubic pyrite.
527.8	528.7				<u>ACID VOLCANICS</u> : Light grey. Aphanitic. Irregular banding. Cubic and disseminated pyrite.
528.7	552.0				<u>DIORITE</u> : Dark grey. Fine grained. Cubic pyrite. Traces of chalcopyrite. Contact with acid volcanics about 50° to the core. Small disseminations of sphalerite.
552.0	573.9				<u>ACID VOLCANICS</u> : Light grey to light brown. Aphanitic. Banding about 50° to the core. In places bands of chloritized basalt. Cubic and disseminated pyrite. Very small stringers of sphalerite.
573.9	597.4				<u>DIORITE</u> : Dark grey. Fine to medium grained. In places porphyritic. Cubic and disseminated pyrite. Fracture cleavage at 50° to the core.

PROPERTY

SHEET NUMBER.

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HOLE NUMBER Badger 56-14

Log Form No. 2A

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